

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number  
**WO 2005/005558 A1**

(51) International Patent Classification<sup>7</sup>:  
C08G 18/80

**C09D 5/04**,

(74) Agent: **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel  
N.V., Intellectual Property Dept. (Dept. AIP), P.O. Box  
9300, NL-6800 SB Arnhem (NL).

(21) International Application Number:

PCT/EP2004/007602

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(22) International Filing Date: 8 July 2004 (08.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

03077152.1	8 July 2003 (08.07.2003)	EP
04075341.0	3 February 2004 (03.02.2004)	EP
60/543,387	11 February 2004 (11.02.2004)	US

(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **AKZO  
NOBEL N. V.** [NL/NL]; Velperweg 76, NL-6824 BM Arn-  
hem (NL).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **BRINKHUIS,**  
**Richard, Hendrikus, Gerrit** [NL/NL]; Groot Wezen-  
land 33, NL-8011 JX Zwolle (NL). **VENDERBOSCH,**  
**Rudolf, Anthonius, Maria** [NL/NL]; Klavecimbelstraat  
6, NL-6922 JL Duiven (NL).

**Published:**

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: AMINO ACID DERIVATIVES AND THEIR USE AS A SAG CONTROL AGENT

(57) Abstract: The invention relates to the use as a sag control agent (SCA) in coating compositions of a rheology modification agent obtainable by reacting one or more polyisocyanates with one or more derivatives of optically active amino acids.

WO 2005/005558 A1